

COMPLETE LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): A machine-readable medium having a set of executable instructions for causing a processor to perform a method of displaying position information of a mobile ~~computing~~ communication device, said processor being operatively coupled to the mobile ~~computing~~ communication device, said mobile ~~computing~~ communication device being operatively coupled to at least one machine-readable memory, a display, a GPS device, a communication interface, and a timing element, said method comprising the steps of:

periodically receiving position information of the mobile ~~computing~~ communication device using said GPS device, said position information describing a position of said mobile communication device;

associating each periodically received position information with a time data, said time data indicating a time at which each position information was received;

storing in said machine-readable memory the periodically received position information into said machine-readable memory;

displaying a graphical map;

displaying on said graphical map a graphical position icon indicating a position described by one of said periodically received position information; and

displaying the time data associated with the position information describing the position indicated by said graphical position icon;

recording in said machine-readable memory each communication activity of said communication interface; and

associating time data with each communication activity recorded,

wherein said communication activity is one of a dialed telephone call, a missed telephone call, a received telephone call, an e-mail message reception or transmission, a voice mail recording, an instant text message reception or transmission, and a page reception or transmission.

Claim 2 (currently amended): The machine-readable medium of claim 1, 10, 15, or 17, wherein said processor is operatively coupled to said machine-readable medium via a wireless communications network.

Claim 3 (currently amended): The machine-readable medium of claim 1, 10, 15, or 17, wherein said mobile ~~computing~~ communication device is a cellular telephone.

Claim 4 (currently amended): The machine-readable medium of claim 1, 10, 15, or 17, wherein said method further comprises the steps of:

retrieving from said machine-readable memory a point-of-interest location, said point-of-interest location being located within a predetermined proximity of the position indicated by said graphical position icon; and

displaying on said graphical map a point-of-interest icon indicating the point-of-interest location on said graphical map.

Claim 5 (original): The machine-readable medium of claim 4, wherein said method further comprises a step of calculating a distance between said point of interest location and the position indicated by said graphical position icon.

Claim 6 (currently amended): The machine-readable medium of claim 1, 10, 15, or 17, wherein said method further comprises ~~a steps~~ a step of calculating a traveling speed of said mobile ~~computing~~ communication device using the periodically received position information and the associated time data.

Claims 7-9 (canceled)

Claim 10 (currently amended): ~~The machine-readable medium of claim 9;~~ A machine-readable medium having a set of executable instructions for causing a processor to perform a method of displaying position information of a mobile communication device, said processor being operatively coupled to the mobile communication device, said mobile communication device being operatively coupled to at least one machine-readable memory, a display, a GPS device, a communication interface, and a timing element, said method comprising the steps of:

periodically receiving position information of the mobile communication device using said GPS device, said position information describing a position of said mobile communication device;

associating each periodically received position information with a time data, said time data indicating a time at which each position information was received;

storing in said machine-readable memory the periodically received position information into said machine-readable memory;

displaying a graphical map;

displaying on said graphical map a graphical position icon indicating a position described by one of said periodically received position information;

displaying the time data associated with the position information describing the position indicated by said graphical position icon;

recording in said machine-readable memory each communication activity of said communication interface; and

associating time data with each communication activity recorded,

wherein said method further comprises a step of displaying at least one recorded communication activity, and

wherein said method further comprises a step of reproducing communication content data associated with the displayed recorded communication activity, wherein said communication content data is one of text data and sound data.

Claim 11 (currently amended): The machine-readable ~~readable~~ medium of claim 10 ~~claim 9~~, wherein said method further comprises a step of displaying a corresponding received position information, said corresponding received position information indicating a position of said mobile ~~computing~~ communication device during which said displayed communication activity occurred.

Claim 12 (currently amended): The machine-readable medium of claim 1, 10, 15, or 17 ~~claim 7~~, wherein said method further comprises a step of associating a received position information with each communication activity.

Claim 13 (original): The machine-readable medium of claim 12, wherein said method further comprises the steps of:

- displaying at least one of said recorded communication activity;
- displaying the time data associated to said recorded communication activity; and
- displaying the position information associated to said recorded communication activity.

Claim 14 (currently amended): The machine-readable medium of claim 1, 10, 15, or 17 ~~claim 1~~, wherein said method further comprises the steps of:

- receiving a time range input signal indicating a period of time, said period of time defined by a starting time and an ending time; and
- displaying on said graphical map a plurality of position history icons, each of said position history icon indicating a position described by one of said periodically received position information that were received during the period of time specified by the time range input signal.

Claim 15 (currently amended): ~~The machine-readable medium of claim 7, wherein said method further comprises the steps of:~~ A machine-readable medium having a set of executable instructions for causing a processor to perform a method of displaying position information of a mobile communication device, said processor being operatively coupled to the mobile communication device, said mobile communication device being operatively coupled to at least one machine-readable memory, a display, a GPS device, a communication interface, and a timing element, said method comprising the steps of:

- periodically receiving position information of the mobile communication device using said GPS device, said position information describing a position of said mobile communication device;

associating each periodically received position information with a time data, said time data indicating a time at which each position information was received;

storing in said machine-readable memory the periodically received position information into said machine-readable memory;

displaying a graphical map;

displaying on said graphical map a graphical position icon indicating a position described by one of said periodically received position information;

displaying the time data associated with the position information describing the position indicated by said graphical position icon;

recording in said machine-readable memory each communication activity of said communication interface;

associating time data with each communication activity recorded;

receiving a time range input signal indicating a period of time, said period of time defined by a starting time and an ending time; and

displaying a plurality of recorded communication activity, wherein each of said recorded communication activity occurred during the period of time specified by the time range input signal.

Claim 16 (original): The machine-readable medium of claim 15, wherein said method further comprises the steps of:

receiving a designation input signal, said designation input signal designating one of said displayed communication activity; and

reproducing communication content data associated with the displayed recorded communication activity, wherein said communication content data is one of text data and sound data.

Claim 17 (currently amended): ~~The machine-readable medium of claim 1;~~ A machine-readable medium having a set of executable instructions for causing a processor to perform a method of displaying position information of a mobile communication device, said processor being operatively coupled to the mobile communication device, said mobile communication device being operatively coupled to at least one machine-readable memory, a display, a GPS device, a communication interface, and a timing element, said method comprising the steps of:

periodically receiving position information of the mobile communication device using said GPS device, said position information describing a position of said mobile communication device;

associating each periodically received position information with a time data, said time data indicating a time at which each position information was received;

storing in said machine-readable memory the periodically received position information into said machine-readable memory;

displaying a graphical map;

displaying on said graphical map a graphical position icon indicating a position described by one of said periodically received position information;

displaying the time data associated with the position information describing the position indicated by said graphical position icon; and

~~wherein said method further comprises a step of~~ displaying a graphical calendar, said graphical calendar including a plurality of sequential time slot locations indicating different sequential periods of time.

Claim 18 (original): The machine-readable medium of claim 17, wherein the denomination of said sequential periods of time is one of year, month, week, day, hour, and minute.

Claim 19 (currently amended): The machine-readable medium of claim 17, wherein said method further comprising comprises the steps of:

receiving a time slot designation signal designating a time slot displayed on said graphical calendar;

displaying on said graphical map a plurality of position history icons, each of said position history icon indicating a position described by one of said periodically received position information that were received during the time period indicated by the designated time slot.

Claim 20 (currently amended): The machine-readable medium of claim 17, wherein said method further comprising comprises the steps of:

recording in said machine-readable memory each communication activity of said communication interface;

associating time data with each communication activity recorded;

receiving a time slot designation signal designating a time slot displayed on said graphical calendar; and

displaying a plurality of recorded communication activity, wherein each of said recorded communication activity occurred during the period of time specified by the designated time slot.

Claim 21 (currently amended): The machine-readable medium of claim 1, 10, 15, or 17 ~~claim 1~~, wherein said method further comprises ~~a steps~~ a step of periodically reading data stored on said machine-readable memory and writing the read data to a second machine-readable memory, said second machine-readable memory being periodically operatively coupled to said mobile ~~computing~~ communication device.

Claim 22 (new): The machine-readable medium of claim 10, 15, or 17, wherein said communication activity is one of a dialed telephone call, a missed telephone call, a received telephone call, an e-mail message reception or transmission, a voice mail recording, an instant text message reception or transmission, and a page reception or transmission.